

B. ADVANCED SCIENCE AND TECHNOLOGY INSTITUTE

Appropriations/Obligations

(In Thousand Pesos)

| <u>Description</u> | <u>(Cash-Based)</u> | | |
|--|-----------------------|----------------|----------------|
| | <u>2019</u> | <u>2020</u> | <u>2021</u> |
| New General Appropriations | 414,642 | 335,487 | 508,059 |
| General Fund | 414,642 | 335,487 | 508,059 |
| Automatic Appropriations | 4,461 | 4,340 | 4,970 |
| Retirement and Life Insurance Premiums | 4,461 | 4,340 | 4,970 |
| Continuing Appropriations | 30,849 | 18,018 | |
| Unobligated Releases for Capital Outlays R.A. No. 10964 | 404 | | |
| Unobligated Releases for MOOE R.A. No. 11260 | | 18,009 | |
| R.A. No. 10964 | 30,445 | | |
| Unobligated Releases for PS R.A. No. 11260 | | 9 | |
| Budgetary Adjustment(s) | 1,785 | | |
| Transfer(s) from: Miscellaneous Personnel Benefits Fund | 1,785 | | |
| Total Available Appropriations | 451,737 | 357,845 | 513,029 |
| Unused Appropriations | (40,999) | (18,018) | |
| Unobligated Allotment | (40,999) | (18,018) | |
| TOTAL OBLIGATIONS | 410,738 | 339,827 | 513,029 |
| | ===== | ===== | ===== |

**EXPENDITURE PROGRAM
(in pesos)**

| GAS / STO / OPERATIONS / PROJECTS | <u>(Cash-Based)</u> | | |
|--------------------------------------|------------------------|-------------------------|--------------------------|
| | <u>2019 Actual</u> | <u>2020 Current</u> | <u>2021 Proposed</u> |
| General Administration and Support | 49,927,000 | 50,698,000 | 41,096,000 |
| Regular | 49,927,000 | 50,698,000 | 41,096,000 |
| PS | 29,288,000 | 24,150,000 | 25,170,000 |
| MOOE | 20,639,000 | 26,548,000 | 15,926,000 |
| Operations | 360,811,000 | 289,129,000 | 471,933,000 |
| Regular | 360,811,000 | 289,129,000 | 471,933,000 |
| PS | 38,684,000 | 37,689,000 | 43,571,000 |
| MOOE | 321,862,000 | 242,562,000 | 359,314,000 |
| CO | 265,000 | 8,878,000 | 69,048,000 |

| | | | |
|---------------------|--------------------|--------------------|--------------------|
| TOTAL AGENCY BUDGET | <u>410,738,000</u> | <u>339,827,000</u> | <u>513,029,000</u> |
| Regular | <u>410,738,000</u> | <u>339,827,000</u> | <u>513,029,000</u> |
| PS | 67,972,000 | 61,839,000 | 68,741,000 |
| MOOE | 342,501,000 | 269,110,000 | 375,240,000 |
| CO | 265,000 | 8,878,000 | 69,048,000 |

STAFFING SUMMARY

| | | | |
|--------------------------------------|-------------|-------------|-------------|
| | <u>2019</u> | <u>2020</u> | <u>2021</u> |
| TOTAL STAFFING | | | |
| Total Number of Authorized Positions | 90 | 90 | 90 |
| Total Number of Filled Positions | 85 | 81 | 81 |

Proposed New Appropriations Language

For general administration and support, and operations, as indicated hereunder.....P 508,059,000
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| | | | | |
|---|-------------------------------------|-------------|------------|--------------|
| | <u>PROPOSED 2021 (Cash-Based)</u> | | | |
| OPERATIONS BY PROGRAM | <u>PS</u> | <u>MOOE</u> | <u>CO</u> | <u>TOTAL</u> |
| ADVANCED SCIENCE AND TECHNOLOGY RESEARCH AND DEVELOPMENT PROGRAM | 39,824,000 | 85,324,000 | 11,688,000 | 136,836,000 |
| ADVANCED SCIENCE AND TECHNOLOGY TRANSFER PROGRAM | | 273,990,000 | 57,360,000 | 331,350,000 |

EXPENDITURE PROGRAM BY CENTRAL / REGIONAL ALLOCATION, 2021 (Cash-Based)
(in pesos)

| | | | | |
|-------------------------------|-------------------|--------------------|-------------------|--------------------|
| REGION | <u>PS</u> | <u>MOOE</u> | <u>CO</u> | <u>TOTAL</u> |
| Regional Allocation | <u>63,771,000</u> | <u>375,240,000</u> | <u>69,048,000</u> | <u>508,059,000</u> |
| National Capital Region (NCR) | 63,771,000 | 375,240,000 | 69,048,000 | 508,059,000 |
| TOTAL AGENCY BUDGET | <u>63,771,000</u> | <u>375,240,000</u> | <u>69,048,000</u> | <u>508,059,000</u> |
| | ===== | ===== | ===== | ===== |

SPECIAL PROVISION(S)

- Reporting and Posting Requirements. The Advanced Science and Technology Institute (ASTI) shall submit quarterly reports on its financial and physical accomplishments, within thirty (30) days after the end of every quarter, through the following:

(a) URS or other electronic means for reports not covered by the URS until such time that all agencies have fully migrated to the BTMS; and

(b) ASTI's website.

The ASTI shall send written notice when said reports have been submitted or posted on its website to the DBM, House of Representatives, Senate of the Philippines, House Committee on Appropriations, Senate Committee on Finance, and other offices where the submission of reports is required under existing laws, rules and regulations. The date of notice to said agencies shall be considered the date of compliance with this requirement.

- Appropriations for Activities or Projects. The amounts appropriated herein shall be used specifically for the following activities or projects in the indicated amounts and conditions:

New Appropriations, by Programs/Activities/Projects (Cash-Based)

| | | <u>Current Operating Expenditures</u> | | | |
|---|---|---------------------------------------|---|------------------------|----------------------|
| | | <u>Personnel Services</u> | <u>Maintenance and Other Operating Expenses</u> | <u>Capital Outlays</u> | <u>Total</u> |
| PROGRAMS | | | | | |
| 1000000000000000 | General Administration and Support | <u>23,947,000</u> | <u>15,926,000</u> | | <u>39,873,000</u> |
| 100000100001000 | General Management and Supervision | <u>23,947,000</u> | <u>15,926,000</u> | | <u>39,873,000</u> |
| Sub-total, General Administration and Support | | <u>23,947,000</u> | <u>15,926,000</u> | | <u>39,873,000</u> |
| 3000000000000000 | Operations | <u>39,824,000</u> | <u>359,314,000</u> | <u>69,048,000</u> | <u>468,186,000</u> |
| 3100000000000000 | 00 : Increased benefits to Filipinos from scientific knowledge and technologies in ICT and Microelectronics | <u>39,824,000</u> | <u>359,314,000</u> | <u>69,048,000</u> | <u>468,186,000</u> |
| 3101000000000000 | ADVANCED SCIENCE AND TECHNOLOGY RESEARCH AND DEVELOPMENT PROGRAM | <u>39,824,000</u> | <u>85,324,000</u> | <u>11,688,000</u> | <u>136,836,000</u> |
| 3101001000001000 | Scientific Research and Development in the Advanced Fields of Studies including Microelectronics and Information Technology | <u>39,824,000</u> | <u>85,324,000</u> | <u>11,688,000</u> | <u>136,836,000</u> |
| 3102000000000000 | ADVANCED SCIENCE AND TECHNOLOGY TRANSFER PROGRAM | | <u>273,990,000</u> | <u>57,360,000</u> | <u>331,350,000</u> |
| 3102001000001000 | Technical transfer through diffusion and commercialization | | <u>273,990,000</u> | <u>57,360,000</u> | <u>331,350,000</u> |
| Sub-total, Operations | | <u>39,824,000</u> | <u>359,314,000</u> | <u>69,048,000</u> | <u>468,186,000</u> |
| TOTAL NEW APPROPRIATIONS | | P <u>63,771,000</u> | P <u>375,240,000</u> | P <u>69,048,000</u> | P <u>508,059,000</u> |

Obligations, by Object of Expenditures

CYs 2019-2021
(In Thousand Pesos)

| (Cash-Based) | | | |
|-------------------------------------|---------------|---------------|---------------|
| | <u>2019</u> | <u>2020</u> | <u>2021</u> |
| Current Operating Expenditures | | | |
| Personnel Services | | | |
| Civilian Personnel | | | |
| Permanent Positions | | | |
| Basic Salary | 36,701 | 36,175 | 41,415 |
| Total Permanent Positions | <u>36,701</u> | <u>36,175</u> | <u>41,415</u> |
| Other Compensation Common to All | | | |
| Personnel Economic Relief Allowance | 1,928 | 1,872 | 1,944 |
| Representation Allowance | 406 | 408 | 408 |
| Transportation Allowance | 320 | 408 | 408 |

| | | | |
|--|----------------|----------------|----------------|
| Clothing and Uniform Allowance | 462 | 468 | 486 |
| Overtime Pay | 54 | | |
| Mid-Year Bonus - Civilian | 2,960 | 3,015 | 3,451 |
| Year End Bonus | 3,042 | 3,015 | 3,451 |
| Cash Gift | 403 | 390 | 405 |
| Productivity Enhancement Incentive | 415 | 390 | 405 |
| Performance Based Bonus | 1,197 | | |
| Collective Negotiation Agreement | 1,935 | | |
| Total Other Compensation Common to All | <u>13,122</u> | <u>9,966</u> | <u>10,958</u> |
| Other Compensation for Specific Groups | | | |
| Magna Carta for Science & Technology Personnel | 11,921 | 10,666 | 10,666 |
| Other Personnel Benefits | 580 | | |
| Total Other Compensation for Specific Groups | <u>12,501</u> | <u>10,666</u> | <u>10,666</u> |
| Other Benefits | | | |
| Retirement and Life Insurance Premiums | 4,446 | 4,340 | 4,970 |
| PAG-IBIG Contributions | 98 | 94 | 97 |
| PhilHealth Contributions | 422 | 404 | 438 |
| Employees Compensation Insurance Premiums | 98 | 94 | 97 |
| Loyalty Award - Civilian | 110 | 100 | 100 |
| Terminal Leave | 474 | | |
| Total Other Benefits | <u>5,648</u> | <u>5,032</u> | <u>5,702</u> |
| TOTAL PERSONNEL SERVICES | <u>67,972</u> | <u>61,839</u> | <u>68,741</u> |
| Maintenance and Other Operating Expenses | | | |
| Travelling Expenses | 3,250 | 4,333 | 1,706 |
| Training and Scholarship Expenses | 1,997 | 2,150 | 1,708 |
| Supplies and Materials Expenses | 7,267 | 17,194 | 14,354 |
| Utility Expenses | 6,641 | 9,607 | 360 |
| Communication Expenses | 237,003 | 157,500 | 247,560 |
| Survey, Research, Exploration and Development Expenses | 350 | 450 | 1,700 |
| Confidential, Intelligence and Extraordinary Expenses | | | |
| Extraordinary and Miscellaneous Expenses | 118 | 118 | 136 |
| Professional Services | 34,281 | 47,674 | 75,463 |
| General Services | 3,477 | 2,922 | 6,400 |
| Repairs and Maintenance | 3,133 | 6,700 | 3,963 |
| Taxes, Insurance Premiums and Other Fees | 2,829 | 555 | 1,940 |
| Labor and Wages | 9 | | |
| Other Maintenance and Operating Expenses | | | |
| Advertising Expenses | 35 | 620 | 50 |
| Printing and Publication Expenses | 295 | 150 | |
| Representation Expenses | 1,393 | 723 | 360 |
| Transportation and Delivery Expenses | 1,506 | | |
| Rent/Lease Expenses | 18,335 | 9,460 | 5,288 |
| Membership Dues and Contributions to Organizations | 2 | 50 | |
| Subscription Expenses | 19,661 | 8,904 | 14,252 |
| Other Maintenance and Operating Expenses | 919 | | |
| TOTAL MAINTENANCE AND OTHER OPERATING EXPENSES | <u>342,501</u> | <u>269,110</u> | <u>375,240</u> |
| TOTAL CURRENT OPERATING EXPENDITURES | <u>410,473</u> | <u>330,949</u> | <u>443,981</u> |
| Capital Outlays | | | |
| Property, Plant and Equipment Outlay | | | |
| Machinery and Equipment Outlay | 35 | 8,878 | 68,188 |
| Intangible Assets Outlay | 230 | | 860 |
| TOTAL CAPITAL OUTLAYS | <u>265</u> | <u>8,878</u> | <u>69,048</u> |
| GRAND TOTAL | <u>410,738</u> | <u>339,827</u> | <u>513,029</u> |

STRATEGIC OBJECTIVES

SECTOR OUTCOME : 1. Technology adoption promoted and accelerated
2. Innovation stimulated

ORGANIZATIONAL
OUTCOME : Increased benefits to Filipinos from scientific knowledge and technologies in ICT and Microelectronics

PERFORMANCE INFORMATION

| <u>ORGANIZATIONAL OUTCOMES (00s) / PERFORMANCE INDICATORS (PIs)</u> | <u>2019 GAA Targets</u> | <u>Actual</u> |
|---|-------------------------|----------------------|
| Increased benefits to Filipinos from scientific knowledge and technologies in ICT and Microelectronics | | |
| ADVANCED SCIENCE AND TECHNOLOGY RESEARCH AND DEVELOPMENT PROGRAM | | |
| Outcome Indicators | | |
| 1. Number of partnerships with public and private stakeholders and international organizations | 5 | 7 |
| 2. Amount of revenue generated from partnerships | Php1,000,000 | Php39,600,000 |
| Output Indicators | | |
| 1. Number of projects completed | 7 | 9 |
| 2. Percentage of projects completed which are published in peer-reviewed journals, presented in national and/or international conferences, or with IP filed or approved | 90% | 133% (8 / 6) |
| 3. Percentage of projects implemented within approved timeframe | 90% | 100% (20 / 20) |
| ADVANCED SCIENCE AND TECHNOLOGY TRANSFER PROGRAM | | |
| Outcome Indicators | | |
| 1. Amount of revenue generated from technology transfer and technical assistance | Php13,200,000 | Php12,549,676 |
| 2. Percentage of clients who rate the quality of technical assistance provided as satisfactory or better | 90% | 100% (494 / 494) |
| Output Indicators | | |
| 1. Number of knowledge/technologies diffused | 10 | 13 |
| 2. Number of technologies transferred/commercialized through technology transfer agreement | 3 | 3 |
| 3. Percentage of request for technical assistance that have been provided within the required timeframe | 90% | 100% (3,800 / 3,800) |

PERFORMANCE INFORMATION

| <u>ORGANIZATIONAL OUTCOMES (00s) / PERFORMANCE INDICATORS (PIs)</u> | <u>Baseline</u> | <u>2020 Targets</u> | <u>2021 NEP Targets</u> |
|---|-----------------|---------------------|-------------------------|
| Increased benefits to Filipinos from scientific knowledge and technologies in ICT and Microelectronics | | | |
| ADVANCED SCIENCE AND TECHNOLOGY RESEARCH AND DEVELOPMENT PROGRAM | | | |
| Outcome Indicators | | | |
| 1. Number of partnerships with public and private stakeholders and international organizations | 7 | 5 | 7 |
| 2. Amount of revenue generated from partnerships | Php39,600,000 | Php1,000,000 | Php100,000,000 |
| Output Indicators | | | |
| 1. Number of projects completed | 9 | 3 | 3 |
| 2. Percentage of projects completed which are published in peer-reviewed journals, presented in national and/or international conferences, or with IP filed or approved | 133% | 90% | 95% |
| 3. Percentage of projects implemented within approved timeframe | 100% | 90% | 95% |

ADVANCED SCIENCE AND TECHNOLOGY TRANSFER
PROGRAM

Outcome Indicators

| | | | |
|--|---------------|---------------|---------------|
| 1. Amount of revenue generated from technology transfer and technical assistance | Php12,549,676 | Php12,000,000 | Php13,000,000 |
| 2. Percentage of clients who rate the quality of technical assistance provided as satisfactory or better | 100% | 90% | 95% |

Output Indicators

| | | | |
|---|------|-----|-----|
| 1. Number of knowledge/technologies diffused | 13 | 10 | 13 |
| 2. Number of technologies transferred/commercialized through technology transfer agreement | 3 | 3 | 3 |
| 3. Percentage of request for technical assistance that have been provided within the required timeframe | 100% | 90% | 95% |